TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION Effective Date: October 1, 2012
WIN-1649 Reevaluation Date: **February 2015**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Impervia Fiberglass Single Hung Windows, 1-Wide, Non-impact Resistant, manufactured by

Pella Corporation
102 Main Street
Pella, Iowa 50219
Telephone: (641) 621-1000

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Impervia Single Hung Windows; (X/O)	H-LC40 37.0 x 78.0	± 40 psf
2	Impervia Single Hung Windows; (X/O)	H-LC50 37.0 x 78.0	± 50 psf
3	Impervia Single Hung Windows; (X/O)	H-LC50 36.0 x 66.0	± 50 psf
4	Impervia Single Hung Windows; (X/O)	H-LC40 48.0 x 78.0	± 40 psf
5	Impervia Single Hung Windows; (X/O)	H-LC50 48.0 x 78.0	± 50 psf
6	Impervia Single Hung Windows; (X/O)	H-LC40 48.0 x 66.0	± 40 psf
7	Impervia Single Hung Windows; (X/O)	H-LC50 48.0 x 66.0	± 50 psf
8	Impervia Single Hung Windows; (X/O)	H-LC25 48.0 x 96.0	± 25 psf
9	Impervia Single Hung Windows; (X/O)	H-LC40 37.0 x 66.0	± 40 psf
10	Impervia Single Hung Windows; (X/O)	H-LC50 37.0 x 66.0	± 50 psf
11	Impervia Single Hung Windows; (X/O)	H-LC40 37.0 x 84.0	± 40 psf
12	Impervia Single Hung Windows; (X/O)	H-LC50 37.0 x 84.0	± 50 psf
13	Impervia Single Hung Windows; (X/O)	H-LC40 48.0 x 84.0	± 40 psf
14	Impervia Single Hung Windows; (X/O)	H-LC50 48.0 x 84.0	± 50 psf

Product Dimensions:

System	Overall Size	Operable Sash Size
1	36.750” x 77.500”	33.875” x 37.875”
2	36.750” x 77.500”	33.925” x 37.925”
3	35.500” x 65.500”	32.675” x 31.925”
4	47.500” x 77.500”	44.675” x 37.925”
5	47.500” x 77.500”	44.734” x 37.925”
6	47.500” x 65.500”	44.625” x 42.000”
7	47.500” x 65.500”	44.675” x 42.000”
8	47.500” x 95.500”	44.625” x 42.000”
9	36.750” x 65.500”	33.925” x 42.000”
10	36.750” x 65.500”	33.925” x 42.000”
11	36.750” x 83.500”	33.925” x 30.000”
12	36.750” x 83.500”	33.925” x 30.000”
13	47.500” x 83.500”	44.675” x 30.000”
14	47.500” x 83.500”	44.675” x 30.000”

Product Identification (Certification Agency Label on Window):

System		
1-14	Certification Agency	WDMA
	Manufacturer’s Name or Code Name	Pella Corporation
	Product Name	Impervia Single Hung 1-Wide
	Test Standards	ANSI/AAMA/NWWDA 101/I.S.2-97; AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing utilizing the vinyl nailing flange of the window with minimum 2” long 11 gauge smooth shank roofing nails. The fasteners shall be located approximately 3 to 6 inches from each corner and 3 to 6 inches son center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

Note: The manufacturer’s installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.